



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/616,638	
	Filing Date	July 9, 2003	
	First Named Inventor	John P. Castagna et al.	
	Art Unit	2862; Confirmation No. 4915	
	Examiner Name	N/A	
Total Number of Pages in This Submission	4	Attorney Docket Number	GTI-1538

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 13-0010 (GTI-1538)	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Kaushik P. Sriram, Reg. No. 43,150	
Signature		
Date	October 22, 2003	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: John P. Castagna et al.

SERIAL NO.: 10/616,638

FILED: July 9, 2003

TITLE: "Instantaneous Spectral Analysis"

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Group Art Unit: 2862

Examiner: Not Assigned

Confirmation No.: 4915

Atty Docket No.: GTI-1538

MAIL STOP: DD

Commissioner for Patents

P. O. Box 1450

Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists. The information disclosure statement submitted herewith is being filed before the mailing date of the first office action for this application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 13-0010 (GTI-1538).

Respectfully submitted,

Dated: October 22, 2003

Kaushik P. Sriram

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to MAIL STOP: DD, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, via the United States Postal Service, First Class Mail, prepaid on the 22nd day of October, 2003.

By:
Beth Pearson-Naul



INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. GTI-1538	SERIAL NO. 10/616,638
	APPLICANT John P. Castagna et al.	
	FILING DATE July 9, 2003	GROUP / CONFIRMATION 2862 / 4915

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,556,922	04/29/03	Anno	702	17	05/22/01
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AH							
	AI							
	AJ							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	AK	John P. Castagna et al.; <i>Instantaneous spectral analysis: Detection of low-frequency shadows associated with hydrocarbons</i> , The Leading Edge, February 2003, pp. 120-127, 14 Figs.
	AL	John P. Castagna et al.; <i>The Use of Spectral Decomposition as a Hydrocarbon Indicator</i> , Gas TIPS, Summer 2002, pp. 24-27, 4 Figs.
	AM	Avijit Chakraborty et al.; <i>Frequency-time decomposition of seismic data using wavelet-based methods</i> , Geophysics, Vol. 60, No. 6 (November-December 1995); pp. 1906-1916, 7 Figs.
EXAMINER		DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant



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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	BH							
	BI							
	BJ							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	BK	Stephane G. Mallat et al.; <i>Matching Pursuits With Time-Frequency Dictionaries</i> , IEEE Transactions on Signal Processing, Vol. 41 No. 12, December 1993, pp. 3397-3415, 7 Figs.
	BL	
	BM	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant